

Substitute for form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application No.

09/992,430

Filing Date:

11/23/01

First Named Inventor

Rajgarhia et al.

Group Art Unit

4045 1652

Examiner Name

Yong Park

Attorney Docket No.

00-1237-A

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
Yp		4,859,596		Hollenberg et al.	Aug. 22, 1989	
Yp		4,943,529		Van den Berg et al.	Jul. 24, 1990	
Yp		4,683,195		Mullis et al.	Jul. 28, 1987	
Yp		5,641,406		Sarhaddar et al.	Jun. 24, 1997	
Yp		5,831,122		Eyal	Nov. 3, 1998	
Yp		4,275,234		Baniel et al.,	Jun. 23, 1981	
Yp		5,510,526		Baniel et al.,	Apr. 23, 1996	

RECEIVED
DEC 03 2002
TECH CENTER 1600/2900

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
Yp		WO	93/00440	A1	E.I. DU Pont De Nemours and Company	01-7-93		

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Yp		BACKER et al. "Transformation of Candida Albicans by Electroporation", 1999, Yeast 15: 1609-1618.	

Examiner
Signature

Yp

Date
Considered

8-17-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC. 20231

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2


of

4

Complete if Known

Application No.	09/992,430
Filing Date:	11/23/01
First Named Inventor	Rajgarhia et al.
Group Art Unit	4845/1652
Examiner Name	v/mg pm
Attorney Docket No.	00-1237-A

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
yo		BECKER and GUARENTE, "High-Efficiency Transformation of Yeast by Electroporation" <i>Methods in Enzymology</i> 194:182-187 (1991).	
yo		CHEN <i>et al.</i> , "Sequence Organization of the Circular Plasmid pKD1 from the yeast <i>Kluyveromyces drosophilum</i> ", 1986, <i>Nucleic Acids Res.</i> 14: 4471-4481.	
yo		CHIEN <i>et al.</i> "The two-hybrid system: A method to identify and clone genes for proteins that interact with a protein of interest", (<i>Proc. Natl Acad. Sci.</i> , 88:9578-9582 (1991).	
		DANNER <i>et al.</i> Applied Biochemistry and Biotechnology Vol 70-72 (1998)	
yo		DATTA <i>et al.</i> , "Technological and economic potential of poly (lactic acid) and lactic acid derivatives", 1995, <i>FEMS Microbiol. Rev.</i> 16: 221-231.	
yo		DURRENS <i>et al.</i> , "Expression of the avian gag-myc oncogene in <i>Saccharomyces cerevisiae</i> ", <i>Curr Genet.</i> 18:7-12 (1990).	
yo		FRANZBLAU & SINCLAIR, "Induction of fermentation in Crabtree-Negative Yeasts", 1983, <i>Mycopathologia</i> 82: 185-190.	
yo		GELLISSEN and HOLLENBERG, "Application of yeast in gene expression studies: a comparison of <i>Saccharomyces cerevisiae</i> , <i>Hansenula polymorpha</i> and <i>Kluyveromyces lactis</i> - a review", <i>Gene</i> , 19: 87-97.	
yo		GIETZ <i>et al.</i> , "Improved Method for High Efficiency Transformation of Intact Yeast Cells". 1992, <i>Nucleic Acids Res.</i> 20:1425.	
Examiner Signature			Date Considered 8.17.03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC. 20231

Substitute for form 1449A/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

3

of

4

Application No.

09/992,430

Filing Date:

11/23/01

First Named Inventor

Rajgarhia

Group Art Unit

1645 1652

Examiner Name

Yong Pan

Attorney Docket No.

00-1237-A

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Yp		Gunge and Kitada, <i>Eur. J. Epidemiol.</i> , 4:409-414 (1988)	
		Gunge et al., "Isolation and Characterization of Linear Deoxyribonucleic Acid Plasmids from Kluyveromyces lactis and the Plasmid-Associated Killer Character", <i>J. Bacteriol.</i> 145:382-390 1981.	
Yp		HOLDSWORTH et al. "Enzyme Activities in Oleaginous Yeasts Accumulating and Utilizing Exogenous or Endogenous Lipids", <i>J. Gen. Microbiol.</i> , 134:2907-2915(1998).	
Yp		HWANG et al., "Characterization of the transcription activation function and the DNA binding domain of transcriptional enhancer factor-1" 1993, <i>EMBO J.</i> 12: 2337-2348.	
		Ito et al., <i>J. Bacteriol.</i> 153:163-168 (1983)	
Yp		KELLY et al., "Affinity Chromatography of Bacterial Lactate Dehydrogenases" <i>Biochem J.</i> , 171:543-7.	
Yp		KIERS et al., "Regulation of Alcoholic Fermentation in Batch and Chemostat Cultures of Kluyveromyces lactis CBS 2359" <i>Yeast</i> , 14, 459-469 (1998).	
Yp		Kurtzman and Fell, (1998) " <i>The Yeasts, A Taxonomic Study</i> " pp. 240-241;	
Yp		MACH et al. "Transformation of Trichoderma reesei based on Hygromycin B resistance using homologous expression signals", 1994, <i>Curr. Genet.</i> 25, 567-570.	
Yp		BUNCH et al., "The IdhA gene encoding the fermentative lactate Dehydrogenase of Escherichia coli", <i>Microbiology</i> , 143:187-95.	

Examiner Signature		Date Considered	8.17.03
--------------------	---	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC. 20231

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 4 of 4

Complete if Known

Application No.	09/992,430
Filing Date:	11/23/01
First Named Inventor	Rajgarhia
Group Art Unit	1645-1652
Examiner Name	Yong Pan
Attorney Docket No.	00-1237-A

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
Yp		MORSOMME et al. "Single point mutation in various domains of a plant plasma membrane H ⁺ -ATPase Expressed in <i>Saccharomyces cerevisiae</i> increase H ⁺ -pumping and permit growth at low pH", (<i>EMBOJ.</i> 15:5513-5526 1996).	
		Naumov et al., 1990, MGG 224:119-128	
Yp		POSTMA et al., "Enzymic Analysis of the Crabtree Effect in Glucose-Limited Chemostat Cultures of <i>Saccharomyces cerevisiae</i> ", <i>Appl Environ. Microbiol.</i> 53, 468-477 (1989).	
		SAMBROOK et al., 1989, Molecular Cloning, 2nd Ed., Cold Spring Harbor Laboratory, NY	
Yp		SUBDEN et al. "An L-lactic acid dehydrogenase based method for detecting microbial colonies performing a malo-lactic fermentation", (<i>Canadian J. Microbiol.</i> , 28:883-886 (1982).	
Yp		THOMAS et al., "Biocatalysis: applications and potentials for the chemical industry", 2002, <i>Trends Biotechnol.</i> 20: 238-42.	
Yp		TURAKAINEN et al., "Consideration of the Evolution of the <i>Saccharomyces cerevisiae</i> MEL Gene Family on the Basis of the Nucleotide Sequences of the Genes and Their Flanking Regions", 1994, <i>Yeast</i> 10: 1559-1568.	
Yp		ULLHRICH, "Yeast Pyruvate Decarboxylase (2-Oxoacid Carboxy-lyase, EC 4.1.1.1) Assay of Thiamine Pyrophosphate" <i>Methods in Enzymology</i> 18:109-115 (1970).	
Yp		VICKROY, "Lactic Acid", 1985, <i>Comprehensive Biotechnology</i> , (Moo-Young, ed.), Volume 3, Chapter 38 Pergamon Press, Oxford.	
Yp		Wesolowski-Louvel et al. " <i>Kluyveromyces lactis</i> ", (NONCONVENTIONAL YEASTS IN BIOTECHNOLOGY: <i>KLUYVEROMYCES LACTIS</i> , ed. Klaus Wolf, Springer Verlag, Berlin, p. 138-201 (1996).	
		Witte et al. (J. Basic Microbiol. 29:707-716 (1989))	

Examiner Signature		Date Considered	8.11.03
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC. 20231